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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Appl. No. : 10/648,687  
Applicants : Robert Sigurd Nelson, William Bert Nelson,  
Filing Date : August 25, 2003  
Examiner : Christine Sung (571-272-2448)  
Art Unit : 2884  
Title : DEVICE AND SYSTEM FOR ENHANCED SPECT, PET, AND  
COMPTON SCATTER IMAGING IN NUCLEAR MEDICINE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

April 22, 2006

**AMENDMENT**

Dear Ms. Sung:

In response to the Office Action post marked March 13, 2006 and our phone interview of April 19, 2006 for application 10/648,687 please find enclosed on the following pages:

1. Amended claims 1-3,5-10,12-13,16,18-21. Original claim 15. Canceled claims 4,11,14,17,22,23. New claim 24.
2. A set of remarks addressing the amendments and the new claim

Concerning the issue of seeking priority status with regard to Application 10/462,191 (abandoned after my March 17, 2005 phone interview with Otilia Gabor) versus pursuing "un-abandonment" I feel I should first contact Otilia Gabor. Thank you for your patience and helpful comments.